

AMENDMENTS TO THE CLAIMS:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently amended) A method for a client computer to find a network address of a password server computer having a public key, the method comprising:

searching for a network address of the server computer using a backup search procedure if the address of the server computer cannot be identified using a primary search procedure, wherein the primary search procedure or the backup search procedure identifies the server computer using the public key.

2-10. (Cancelled).

11. (Original) The method of claim 1 further comprising the step of establishing a connection with the server computer with the network address found.

12. (Original) The method of claim 11 further comprising the step of authenticating the server computer after the connection has been established.

13. (Cancelled).

14. (Original) The method of claim 11 further comprising the step of populating a local storage of the client computer with a list of network addresses for server computers after the connection has been established.

15. (Cancelled).

16. (Original) The method of claim 1 wherein the primary and backup search procedures are performed in parallel.

17. (Currently amended) A system for locating a network address of a password server computer having a public key, the system comprising:

a client computer configured to search for a network address of the server computer using a backup search procedure if the address of the server computer cannot be identified using a primary search procedure, wherein the primary search procedure or the backup search procedure identifies the server computer using the public key.

18-26. (Cancelled).

27. (Original) The system of claim 17 wherein the client computer is configured to perform the primary and backup search procedures in parallel.

28. (Currently amended) A tangible computer-readable medium containing a program with instructions that, when executed by a processor, perform a method for a client computer to find a network address of a password server computer having a public key, the method comprising ~~execute the following procedure:~~

searching for a network address of a server computer using a backup search procedure if the address of the server computer cannot be identified using a primary search procedure, wherein the primary search procedure or the backup search procedure identifies the server computer using the public key.

29-37. (Cancelled).

38. (Original) The computer-readable medium of claim 28 further comprising instructions for establishing a connection with the server computer using the network address.

39. (Original) The computer-readable medium of claim 38 further comprising instructions for authenticating the server computer after the connection has been established.

40. (Cancelled).

41. (Original) The computer-readable medium of claim 38 further comprising instructions for populating a local storage of the client computer with a list of network addresses for server computers after the connection has been established.

42. (Cancelled).

43. (Original) The computer-readable medium of claim 28 wherein the primary and backup search procedures are performed in parallel.

44. (Currently amended) A method of a client computer to locate a network address of a server computer on a computer network, the method comprising the following steps:

searching for the address of the server computer in a local system storage of the client computer; and

performing a backup search procedure if the address is not found in the local system storage, the backup search procedure being selected from a group of search procedures including the following:

broadcasting a message over the network to identify the address of the server computer,

searching an authentication record for the address of the server computer,

using a loop back address to connect to the server computer,

using a inter process communication to determine whether the server computer is running on a same CPU as the client computer in order to determine the network address, and

searching a configuration record of the client computer for the address of the server computer.

45. (Cancelled).

46. (Currently amended) The method of claim ~~[[45]]~~ 44, wherein:

the server computer is a password server computer having a public key, and

one or more of the search procedures identifies the server computer using the public key-is used to search for the network address.

47. (Currently amended) The method of claim ~~[[45]]~~ 44, wherein the backup search procedure is performed in parallel with searching the local system storage of the client.

48. (Currently amended) A system for finding a network address, the system comprising:
server means having a network address; and

client means for searching for the network address of the server means by searching
for the address of the server means in a local system storage of the client means, and using
a backup search procedure to identify the address of the server means if the address is not
found in the local system storage,

wherein the client means is configured to search for the network address as the
backup search, the backup procedure being selected from a group of search procedures
including the following:

broadcast a message over the network to find the address of the server
means,

search an authentication record for the address of the server means,

use a loop back address to connect to the server means,

use a inter process communication to determine whether the server means is
running on a CPU that is the same CPU on which the client is running means in order
to determine the network address, and

search a configuration record of the client means for the address of the server
means.

49. (Cancelled).

50. (Currently amended) The system of claim [[49]] 48, wherein:

the server means is a password server computer having a public key, and

one or more of the search procedures identifies the server computer using the public
key is used to search for the network address.

51. (Currently amended) The system of claim ~~[[49]]~~ 48, wherein the backup search procedure is performed in parallel with searching for an address of the server means in a local system storage.

52. (New) A method for a client computer to find a network address of a server computer, the method comprising:

performing a primary search procedure, the primary search procedure including searching a local storage of the client computer system for the network address of the server computer; and

performing a backup search procedure if the network address of the server computer is not found using a primary search procedure, the backup search procedure including searching a configuration record of the client computer system for the network address of the server computer.

53. (New) The method of claim 52, wherein:

the server computer is a password server computer having a public key, and

the primary search procedure or the backup search procedure identifies the server computer using the public key.

54. (New) A method for a client computer to find a network address of a server computer, the method comprising:

performing a primary search procedure; and

performing a backup search procedure if the network address of the server computer is not found using a primary search procedure, said backup search procedure searching an authentication record for the network address of the server computer.

55. (New) A method for a client computer to find a network address of a server computer, the method comprising:

performing a primary search procedure; and

performing a backup search procedure if the network address of the server computer is not found using a primary search procedure, said backup search determining whether the server computer is running on a CPU that is the same CPU on which the client computer is running in order to determine the network address of the server computer.

56. (Original) The method of claim 55, wherein determining whether the server computer is running on the same CPU as the client computer comprises:

using a loop back address of the server computer.

57. (Original) The method of claim 55, wherein the step of determining whether the server computer is running on a CPU of the client computer comprises:

sending out an inter process communication to the CPU.